



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

March 22, 2002

Av 1638

Baum

Commissioner For Patents  
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Application No. 10/024,632  
Filed: December 19, 2001  
Title: *Nucleic Acid Molecules Associated With Plant Cell  
Proliferation And Growth And Uses Thereof*  
Inventors: HE, Steve S. *et al.*  
Atty. Docket: 38-21(51837)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. PTO-1449 Form (2 pages) with 15 accompanying documents;
3. (2) return postcards.

It is respectfully requested that the attached postcards be stamped with the filing date of these documents and returned as soon as possible.

As the accompanying Information Disclosure Statement is being filed prior to the first action on the merits, Applicants do not believe that any fees are due in conjunction with this filing. If any fees are due in conjunction with this filing the Commissioner is authorized to charge the fees to our Deposit Account 13-4125, referencing matter number 38-21(51837)B.

Respectfully submitted,

Lawrence M. Lavin (Reg. No. 30,769)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steve S. He *et al.*

Art Unit: To be Assigned

Appn. No.: To Be Assigned

Examiner: To Be Assigned

Filed:

Atty. Docket: 38-21(51837)B

For: Nucleic Acid Molecules Associated With  
Plant Cell Proliferation And Growth And  
Uses Thereof

I hereby verify this Information Disclosure Statement is being deposited  
with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10  
Express Mail Label No. EK018914953US on the date indicated and is addressed to:  
U.S. Patent and Trademark Office, Arlington, VA 22202

Lawrence M. Lavin

Registration No. 30,768

Date:

3/22/02

**Information Disclosure Statement**

Commissioner for Patents  
Washington, DC 20231

Sir:

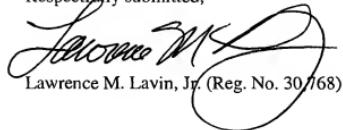
The attention of the Examiner is invited to the documents listed on the attached Form  
PTO-1449. Copies of the listed documents are attached.

It is respectfully requested that the information above be expressly considered during the  
prosecution of this application, and that the references be made of record therein and appear  
among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

Since this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, no certification or fee is required.

Respectfully submitted,



Lawrence M. Lavin, Jr. (Reg. No. 30768)

Date: 3/22/02

Patent Department, E2NA  
Monsanto Company  
800 N. Lindbergh Boulevard  
St. Louis, MO 63167  
Tel: (314) 694-3602  
Fax: (314) 694-1671



Nucleic acid molecules associated with plant cell proliferation and growth and uses thereof 10-1449				ATTY. DOCKET NO. 51837	APPLICATION NO. ???		
INFORMATION DISCLOSURE STATEMENT				APPLICANT Steve He and Stanton Dotson			
				FILING DATE ???	GROUP To be assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
AA	US6,329,5657	12-11-2001	Methods for improving seeds	B1		2-19-1998	
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AB	WO0129240	4-26-2001	PCT	A2		Yes No	
AC	WO0136595	5-25-2001	PCT	A2		Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AD	Wilson, et al., DNA binding properties of the <i>Arabidopsis</i> floral development protein AINTEGUMENTA, <i>Nucleic Acids Research</i> 28:4076-4082, 2000						
AE	Krizek, Ectopic expression of AINTEGUMENTA in <i>Arabidopsis</i> plants results in increased growth of floral organs, <i>Developmental Genetics</i> 25:224-236, 1999						
AF	Mizukami, et al., Plant organ size control : AINTEGUMENTA regulates growth and cell numbers during organogenesis, <i>Proceedings of the National Academy of Sciences, USA</i> 97:942-947, 2000						
AG	Okamura, et al., The AP2 domain of APETALA2 defines a large new family of DNA binding proteins in <i>Arabidopsis</i> , <i>Proceedings of the National Academy of Sciences, USA</i> 94:7076-7081, 1997						
AH	Mian, et al., RFLP tagging of QTLs conditioning specific leaf weight and leaf size in soybean, <i>Theor Appl Genet</i> 96: 354-360, 1998						
AI	Klucher, et al., The AINTEGUMENTA gene of <i>Arabidopsis</i> required for ovule and female gametophyte development is realed to the floral homeotic gene APETALA2, <i>The Plant Cell</i> 8:137-153, 1996						
AJ	Gu, et al., The FRUITFULL MADS-box gene mediates cell differentiation during <i>Arabidopsis</i> development, <i>Development</i> 125:1509-1517, 1998						
AK	Liu, et al., Transcription factors and their genes in higher plants, <i>European Journal of Biochemistry</i> 262:247-257, 1999						
AL	Long, et al., The development of apical embryonic pattern in <i>Arabidopsis</i> , <i>Development</i> 125:3027-3035, 1998						
AM	Schnitz, et al., Pattern formation and growth during floral organogenesis : HUELLENLOS and AINTEGUMENTA are required for the formation of the proximal region of the ovule primordium in <i>Arabidopsis</i> thaliana, <i>Development</i> 125:2555-2563						
AN	Elliot, et al., AINTEGUMENTA, an APETALA2-like gene of <i>arabidopsis</i> with pleiotropic roles in ovule development and floral organ growth, <i>The Plant Cell</i> 8:155-168, 1996						
AO	Long, et al., Initiation of Axillary and Floral meristems in <i>Arabidopsis</i> , <i>Developmental Biology</i> 218:341-353, 2000						
EXAMINER				DATE CONSIDERED			

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Steve S. He *et al.*

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Assistant Commissioner for Patents  
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**Certificate of Mailing**

I hereby certify that this Information Disclosure Statement of a Nonprovisional Application, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 Label No. EK018914953US on the date indicated and is addressed to:

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

on March 22, 2002

LAWRENCE M. LAUW JR.  
(Printed name of person signing this certificate)

  
(Signature)